

Date: Tue, 19 Oct 93 11:33:15 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #1244
To: Info-Hams

Info-Hams Digest Tue, 19 Oct 93 Volume 93 : Issue 1244

Today's Topics:

 BESTIALITY AMATEUR RADIO FRATERNITY (BARF) (3 msgs)
 FBB BBS problem:
 GAY & QST
 HDN Releases
 Homonaused (Was: Newsline #842)
 Hts airlines and morris
Imminent Death of Ham Radio: 2m HT in Penney's Christmas Catalog
 New UHF "Personal Use" Ba
 Question on How to Obtain
 Ring Rotor Info Wanted
smith13.zip - Hams: Interactive Smith chart calculator
 Transmission Line Losses

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 19 Oct 1993 02:37:27 GMT
From: mulvey!rich@uunet.uu.net
Subject: BESTIALITY AMATEUR RADIO FRATERNITY (BARF)
To: info-hams@ucsd.edu

Brian Kantor (brian@nothing.ucsd.edu) wrote:

: jherman@uhunix3.uhcc.Hawaii.Edu (Jeff Herman) writes:

: >Jon, when it's being flaunted in public it's hard to ignore. Should I stop
: >using the men's rooms and P.E. showers on campus to avoid seeing it?

: No, you could just look away, or learn tolerance. What consenting

: adults do with each other is NOT YOUR CONCERN.

It certainly **is** our concern, if it's shoved in our faces. I'm no more interesting in watching a heterosexual couple have sex in the shower next to me than I am a homosexual couple. I don't give a damn **WHAT** they do, as long as it's in the privacy of their home.

- Rich

--

Rich Mulvey Amateur Radio: N2VDS Rochester, NY
rich@mulvey.com "Ignorance should be painful."

Date: 19 Oct 93 13:31:50 GMT
From: news-mail-gateway@ucsd.edu
Subject: BESTIALITY AMATEUR RADIO FRATERNITY (BARF)
To: info-hams@ucsd.edu

>WHAT IN THE WORLD DOES THIS HAVE TO DO WITH AMATEUR RADIO ?

nothing in particular most likely.

>IS SEXUAL PERVERSION CREEPING INTO IT NOW ???

absolutely, it's a function of all those electromagnetic fields that surround and bind you together. In extreme cases, it leads to cannibalism...

...and speaking of dinner...

didja hear about the Cannibal that said his wife was great with child?

Bill "Pass the Worcestershire" Newkirk
wb9ivr%pubs%genav.mlb@ns14.cca.cr.rockwell.com

Remember, by law, every ream of paper is now preprinted with a picture of the Eiffel Tower in Italy.

Date: Mon, 18 Oct 1993 16:00:50 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!linus!linus.mitre.org!
wralston.mitre.org!user@network.ucsd.edu
Subject: BESTIALITY AMATEUR RADIO FRATERNITY (BARF)
To: info-hams@ucsd.edu

In article <CF0oA6.5Du@news.Hawaii.Edu>, jherman@uhunix3.uhcc.Hawaii.Edu

(Jeff Herman) wrote:

[drive1 deleted]

Kind of like listening on 14.313. Sigh.

-- Bill wtr@mitre.org

* I babble too incoherently to speak for my employer *

Date: 19 Oct 93 17:22:25 GMT

From: ogicse!uwm.edu!math.ohio-state.edu!sol.ctr.columbia.edu!news.unomaha.edu!
cwis.unomaha.edu!rerickso@network.ucsd.edu

Subject: FBB BBS problem:

To: info-hams@ucsd.edu

Does anyone know why I can not enter ARRL Bulletins into
the SB forwarding with FBB software? The procedure seems to
work with Clover.

73,

Ron

AK0N

Please reply at my e-mail address: rerickso@cwis.unomaha.edu

Date: Tue, 19 Oct 1993 05:15:41 GMT

From: pacbell.com!amdahl!netcomsv!netcom.com!dbledsoe@network.ucsd.edu

Subject: GAY & QST

To: info-hams@ucsd.edu

Steven Wilson (steview@netcom.com) wrote:

: In article <dbledsoeCF34x4.3wJ@netcom.com>, dbledsoe@netcom.com (Donnelly R.
Bledsoe) writes:

: > One more thing ... we get far more positive publicity by doing
: > constructive things like putting three new countries on OSCAR-13 or buying
: > advertising in ham publications. A legal action against the ARRL is a
: > poor way to get ANY publicity -- after all, have you seen it reported in
: > the pages of QST? Of course not.

: True.

: > Cash is not part of any negotiations with the ARRL, so I don't expect to
: > see any. Before you start seeding people with erroneous information,
: > please make sure you know the facts.

: That's right. Don't give out false info. The story the guy told in

: short fashion was essentially correct.
: How do I know. I spoke with several people involved as it was
: occurring. The Board had decided to change the advertising
: policy, this mostly due to politicking done by the Lambda
: chapter in SF, and roughly that same week Lambda International
: dropped the lawsuit bomb forcing the board to hold off any
: decision. Now, naturally, if you enquire about such things
: you'll get a blank stare from league staffers cause they
: aren't allowed to comment on any pending legal action(for
: obvious reasons.)

The ARRL board changed the advertising policy the day after it received the complaint that was filed with the State of Connecticut. It is an unfortunate situation that the former LARC chapter in SF decided to act on its own in a matter that it had no authority to do so. I am hoping this difference can be patched up in the future. You are incorrect -- this was a complaint -- not a lawsuit -- that was filed before a state agency.

: That is what happened. I find it also interesting that
: at least the last time I was caught up on the subject, the
: Golden Gate chapter had dropped their membership in the
: international Lambda.

This was the result of their going around their elected club officers and taking matters into their own hands. So, there was a difference of opinion as to how the matter should be handled. The majority of the membership in LARC did NOT agree with the approach advocated by the SF chapter. LARC officers acted in accordance with the wishes of the majority of its members, as it should. The SF group didn't like it and pulled out.

: > LARC resorted to a legal action because of the ARRL's refusal to discuss
: > the issue -- repeatedly. So, we were left with no alternative but to let
: > them discuss it with the State of Connecticut. It's sad because I'd
: > prefer my ARRL membership monies be spent on more constructive activities.
: >
: > 73 ... Don, WB6LYI
: >
: > --
: > Don Bledsoe, WB6LYI dbledsoe@netcom.com
: >

: Steve KA6S

--

Don Bledsoe, WB6LYI dbledsoe@netcom.com

Date: 19 Oct 93 12:37:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: HDN Releases
To: info-hams@ucsd.edu

In Info-Hams Digest V93 No. 1238 (item 3)
swrinde!cs.utexas.edu!convex!news.oc.com!utacfd.uta.edu!rwsys!ocitor!
FredGate@network.ucsd.edu writes:

```
>
>Files are available via Anonymous-FTP from ftp.fidonet.org
>IP NET address 140.98.1.1
>
>   Directories are:
>       pub/fidonet/ham/hamnews  (Bulletins)
>                               /hamant  (Antennas)
>                               /hamsat  (Sat. prg/Amsat Bulletins)
>                               /hampack (Packet)
>                               /hamelec (Formulas)
>                               /hamtrain (Training Material)
>                               /hamlog  (Logging Programs)
>                               /hamcomm (APLink/JvFax/Rtty/etc)
>                               /hammods (Equip modification)
>                               /hamswl  (SWBC Skeds/Frequencies)
>                               /hamscan (Scanner Frequencies)
>                               /hamutil (Operating aids/utils)
>                               /hamsrc  (Source code to programs)
>                               /hamdemo (Demos of new ham software)
>                               /hamnos  (TCP/IP and NOS related software)
>
>Files may be downloaded via land-line at (214) 226-1181 or (214) 226-1182.
>When ask for Full Name, enter:   Guest;guest   <return>
>
>lee - wa5eha
>Ham Distribution Net
> * Origin: Ham Distribution Net Coordinator / Node 1 (1:124/7009)
>
```

The address shown to connect to is different than the name of the machine shown. 140.98.1.1 is apparently where the files USED to be and ftp.fidonet.org is where they were apparently MOVED to. When I ftp to the ftp.fidonet.org machine I find that these directories are empty and some shown in the post don't exist. Am I doing something wrong or what?

I would have used e-mail for this question, but I am quite unclear how to decipher the "from" line with all the bangs in it!!

Ron Rossi

```
/=====/  
/ IBM Microelectronics      Internet:  rrossi@vnet.ibm.com  /  
/ H/P ASIC SRAM Design     VNET:    RROSSI at BTVLABVM    /  
/ Dept N93 Bldg 861-2      Voice:    802/769-7477        /  
/ 1000 River Road         RF:      N1PBT                /  
/ Essex Junction, VT 05452-4299                        /  
/                                                                /  
/ "I work for IBM, I don't represent its views!"        /  
/                                                                /  
/=====/
```

Date: Tue, 19 Oct 1993 04:48:24 GMT
From: pacbell.com!amdahl!netcomsv!netcom.com!dbledsoe@network.ucsd.edu
Subject: Homonaused (Was: Newsline #842)
To: info-hams@ucsd.edu

Bill Coleman (bcoleman@hayes.com) wrote:
: In article <Charles.R.Hohenstein.1-151093183812@mac06.hesburgh.lab.nd.edu>,
Charles.R.Hohenstein.1@nd.edu (Charles R. Hohenstein) writes:

: >
: > As if excluding ads from a gay radio amateur group in an amateur radio
: > magazine does NOT reflect a political/social position? Come on.

: 'cuse me. I have yet to see ONE SINGLE SCRAP of evidence that the ARRL
: excludes ads from a gay radio amatuer group as general policy.

: The facts are simpler. A radio amatuer organisation catering to gays sent
: in an ad to the ARRL for publication in QST. This ad was not published.
: Why it wasn't published has never clearly been stated.

LARC's ad was not published because David Sumner ordered it removed after
it WAS PUBLISHED in the November 1985 issue of QST. It was at his whim
and direction that this action was taken. You'll have to ask him why he
did it, as he refuses to talk to us about it, as he has since 1985.

: Until the facts are know as to WHY the ad wasn't published, you can't
: determine if the action does reflect a political/social position.

In written corespondence, he characterized LARC's ad as "advocacy" and it
was therefore unsuitable for publication. If you'd like to see the ad,
pick up any copy of CQ during the last year or two and you'll see it
there. It no more advocates anything than do the Ayn Rand, MARCO,
aetheist, or other groups who ARE allowed to advertise their clubs.

: Any assumptions pro or con are merely useless posturing.

Here, you're right. A lot of people who are not in possession of the facts ARE making a lot of assumptions. Since I was Vice President of LARC during this entire period, I will gladly offer the facts to anyone who asks.

73 ... Don Bledsoe, WB6LYI, Editor of LARC's "Lambda Net News"

--

Don Bledsoe, WB6LYI

dbledsoe@netcom.com

Date: Mon, 18 Oct 93 18:55:09

From: agate!iat.holonet.net!alpine!sysop@ames.arpa

Subject: Hts airlines and morris

To: info-hams@ucsd.edu

> In article <1993Oct4.142552.23058@cyphyn.radnet.com>

> randy@cyphyn.radnet.com > (Randy) writes:

>

> On board a typical commercial airline there are several radios covering a
> wide spectrum from HF on up to SHF. All of the manufacturers are aware of
> the environment they have to operate in. Airlines certainly would not want
> the liability of operating susceptible navigation equipment or performing
> "instrument only" flight if they weren't VERY sure of the reliability.

You got that part right, the manufacturers are VERY aware of the environment. And that environment doesn't include poorly designed Consumer Electronics Products. -----

>

> When an aircraft heads west out of Los Angeles International, it
> heads right over Mt. Wilson.

Gee, they must have moved Mt. Wilson, since I was in L.A. Last. Mt. Wilson is 25-30 miles NORTHEAST of LAX. Even departing to the EAST and turning out Westbound, it takes far less than 10 miles to make the 180deg turn, even for 'Heavy'.

>

> Several hundred kilowatts of RF spread from DC to Daylight(tm).

>

> Interesting to note that Mt. Wilson is not pockmarked with the craters of
> several thousand airplanes.

Not surprising since they don't get very close.

>
> Denver Colorado has a similar situation with their commercial broadcasting
> site vs the airport. And it too seems remarkably unscathed as well.

When was the last time you were in Denver ? Nothing on the order of the
Mt. Wilson radio sites, even 'close' to Stapelton.

>

Oh well, you don't have to pass a Geography test to get a Ham license.

John - K9IJ

Date: 19 Oct 1993 15:32:27 GMT
From: galaxy.ucr.edu!library.ucla.edu!europa.eng.gtefsd.com!
howland.reston.ans.net!spool.mu.edu!news.clark.edu!netnews.nwnet.net!
news.uoregon.edu!systems%ns.uoregon.edu@network.ucsd.edu
Subject: Imminent Death of Ham Radio: 2m HT in Penney's Christmas Catalog
To: info-hams@ucsd.edu

In article <CEuEx4.AK3@microsoft.com> laurahal@microsoft.com (Laura Halliday)
writes:

> In article <294jvs\$1cl@pith.uoregon.edu> jeffh@ludwig.cc.uoregon.edu (Jeff
Hite) writes:
> >How many times does it have to be said...This is the USA...ANYONE can
purchase
> >ANY radio that is for sale thru regular retail channels...whether or not
they
> >have the right to transmit is a completely different issue. This post is not
> >meant as a flame at N00KQ or to endorse illegal activity on the amateur
bands,
> Uh, not on this side of the line (I live and work in Canada). Under
> Canadian law it is illegal to possess transmitting equipment if you
> don't have a licence for it. If you go to Radio Shack and try to buy
> an HTX202, they will ask to see your licence.
>
> The DOC folks are usually sensible; for example, if you are studying
> for a ham licence and are using an HF transceiver for code practice
> they won't mind, but they may ask you to pull the final tubes or
> otherwise disable transmit capability.
>
> 73 from Burnaby,
> laura VE7LDH

An oversight on my part...I am surprised to hear that it's illegal to own a radio
without a license up north (probably down south too). Are you folks still

guilty until proven innocent?

--

Jeff Hite KF7SZ
Computing Center
U of Oregon
jeffh@ludwig.cc.uoregon.edu

Date: 18 Oct 93 19:15:00 GMT
From: news.cerf.net!crash!filebank!dave.trupkin@network.ucsd.edu
Subject: New UHF "Personal Use" Ba
To: info-hams@ucsd.edu

TO:kharker@bnr.ca

KEH>From: kharker@bnr.ca (Kenneth E. Harker)
KEH>Newsgroups: rec.radio.amateur.misc
KEH>Subject: New UHF "Personal Use" Band?
KEH>Date: 14 Oct 1993 16:48:23 -0500
KEH>Message-ID: <29khf7\$7fe@crchh941.bnr.ca>

KEH> I was in Radio Shack briefly the other day, and I noticed something
KEH>that surprised me. RS is now selling a UHF radio that operates in what
KEH>I presume is a new band. I forget the exact frequencies, but it is in
KEH>the 400's, right above or not too far above the amateur 440MHz band. None
KEH>of the sales droids knew anything about it (obviously) and all I could
KEH>gather from the box was that this new band is supposed to be for the
KEH>use of "personal and family communications" (the quotes were on the box,
KEH>too). The range quoted on the box was one mile. Other interesting
KEH>things were that the only legal mode of operation is voice, you have
KEH>to have a valid FCC license (application enclosed in box - I didn't
KEH>look at it) to operate, and, at least on the RS unit, there was just
KEH>a channel 1 / channel 2 toggle on the top for frequency selection. The
KEH>radio was \$249 or something like that. I couldn't stay long in the store,
KEH>but this did catch my attention.

These are radios for the GMRS. The only licensing requirement is that
you not be an agent of a foreign government.

I would imagine that these are preferable to CBs for the exact reasons
you mentioned. Not to mention the fact that FM quality sound would be
preferable in a lot of applications to SSB.

. SLMR 2.0 #1961 . This phone is baroque; please call Bach later.

| The File Bank BBS - 619-728-7307 - PCBoard v.14.5a/E10 - USR HST & DS |
| 8 nodes / RIME / Internet / Largest Clipper file collection in the world |

Date: 18 Oct 93 19:15:00 GMT
From: news.cerf.net!crash!filebank!dave.trupkin@network.ucsd.edu
Subject: Qeuestion on How to Obtai
To: info-hams@ucsd.edu

TO:millerpe@spot.Colorado.EDU

PM>Newsgroups: rec.radio.amateur.misc
PM>From: millerpe@spot.Colorado.EDU (Peter Miller)
PM>Subject: Qeuestion on How to Obtain License
PM>Message-ID: <millerpe.750620650@spot.Colorado.EDU>
PM>Date: Thu, 14 Oct 1993 17:44:10 GMT

PM>I would like to obtain a license to transmit in the 2-meter band. I am
PM>unfamiliar with FCC procedures. I have asked around a bit and found that I
PM>might want a technicians voice license.

PM>What FCC test do I need to take?

No-Code Technician

PM>What type of preparation material would be helpful?

You can buy a book containing the entire question pool (with answers) at
Radio Shack.

PM>How often are the tests offered?

Most larger radio clubs offer the tests once a month or so. They are
given by other Hams, not the FCC so there is no set schedule.

PM>What is the cost for the test and licensing?

About six bucks.

. SLMR 2.0 #1961 . Please return stewardess to original upright position....

-----*
| The File Bank BBS - 619-728-7307 - PCBoard v.14.5a/E10 - USR HST & DS |
| 8 nodes / RIME / Internet / Largest Clipper file collection in the world |

Date: 19 Oct 93 14:49:53 GMT
From: galaxy.ucr.edu!library.ucla.edu!agate!spool.mu.edu!news.nd.edu!bsu-cs!bsu-ucs.uucp!00tlzivney@network.ucsd.edu
Subject: Ring Rotor Info Wanted
To: info-hams@ucsd.edu

Does anyone have experience with the Ring Rotors (TIC)? The thought of being able to add more antennas without the big up-front expense of a rotary tower is attractive to me. But, I am concerned about the long-run durability; even the ads don't claim survival thru big winds - I think the ads (don't have them in front of me) talk about 50 mph winds. In a previous incarnation in the mid 80s, a picture of the 6 el KLM 20m beam graced their ads.

I am concerned about traditional side arms because 1) they hang a LONG way out from the tower which scares me and 2) I am concerned about the possibility of the arm/antenna banging into the tower during high winds.

Any experience with larger antennas on such things would be appreciated.

Terry Zivney, N4TZ
Muncie, Indiana (America's Home Town)

Date: Tue, 19 Oct 1993 06:42:38 GMT
From: simtel.coast.net!msdos-ann-request@uunet.uu.net
Subject: smith13.zip - Hams: Interactive Smith chart calculator
To: info-hams@ucsd.edu

I have uploaded to the SimTel Software Repository (available by anonymous ftp from the primary mirror site OAK.Oakland.Edu and its mirrors):

pub/msdos/hamradio/
smith13.zip Hams: Interactive Smith chart calculator

The program is a Smith chart calculator. It displays on an EGA screen the impedance chart, the admittance chart, the coefficient of reflection chart and the Q chart.

An info display and a graphics cursor is used to explore numerically the plane. Elements (impedances, capacitors, inductors, transmission lines, stubs) are entered by the keyboard and the resulting graph is immediately drawn on the chart. Up to two parameters of each element

can be trimmed using two individual keys (up and down, upper and lower case). The program offers: hardcopy, frequency sweep, circle drawing, montecarlo analysis, schematic synthesis, and autotuning. A pop-up calculator for complex numbers is also included.

smith13.zip is a replacement of smith12.zip

Uploaded by the author.

Giorgio Fontana
fontana@itnvax.science.unitn.it

Date: 19 Oct 93 18:01:17 GMT
From: news-mail-gateway@ucsd.edu
Subject: Transmission Line Losses
To: info-hams@ucsd.edu

>What exactly is "matched line loss"? I saw it in the ARRL Antenna Handbook
>and never did quite get a grip on it. 73!
>Jeff Jones AB6MB

Jeff, "matched line loss" is the "attenuation in decibels per 100-foot lengths of many popular transmission lines" from the graph in the Transmission Lines chapter of the ARRL Handbook. It is the specified loss for perfectly matched transmission lines, e.g. 50 ohm characteristic impedance working into a 50 ohm load. Losses will never be below that minimum but can be much higher if the SWR is high or IF YOUR PARTICULAR CABLE DOES NOT MEET THE CABLE SPECIFICATIONS.

Examples:

I have 60 ft of RG-8 foam that shows a 4/1 SWR with a 50 ohm dummy load. I did an autopsy and found that after four Phoenix summers the foam had melted.

I have a friend using RG-58 for his 144 MHz antenna. He is well satisfied with an SWR of 1.4/1 and he hits all the repeaters. I asked him to perform an experiment. We disconnected the antenna entirely and the SWR went to 1.6/1.

I just bought 100 ft of RG-58 (new/surplus/cheap). Since I am a born skeptic, unlike some people I know who have blind trust in abstract equations, before I used the "new" coax, I measured the matched line loss on 17 meters. It is 5 db, considerably different from the RG-58 spec of 2 db. That cable obviously doesn't care what a page in the ARRL Handbook says it is supposed to be.

99% of hams accept the abstractions from the Handbook as if they were accepting the biblical myth of creation of the heavens and the earth in six days. 1% of us are skeptics don't believe we are radiating RF energy until we see it on a field-strength meter and we make sure that the field-strength meter is working properly.

Many hams are happy radiating 10% of the power that their transmitter is generating and you can "work the world" with 10 watts. I, on the other hand, am not satisfied until I have squeezed every bit of RF possible into the ether. Don't bother me by telling me that the person on the other end will not notice a 3 db loss. That 3 db just may make a signal with QSB readable sometime when it otherwise would not be.

73, Cecil, kg7bk

I do not speak for Intel on the Internet.

Date: 19 Oct 1993 15:48:21 GMT
From: nothing.ucsd.edu!brian@network.ucsd.edu
To: info-hams@ucsd.edu

References <CF2HAM.JDD@news.hawaii.edu>, <CF2nMH.K05@murdoch.acc.Virginia.EDU>, <952@ncrc1m.ClemsonSC.NCR.COM>

Subject : Re: BESTIALITY AMATEUR RADIO FRATERNITY (BARF)

tskelton@ncrc1m.ClemsonSC.NCR.COM (Tom Skelton) writes:

>I used to believe the consenting adult victimless crime BS.
>After raising a family and seeing the effects of society's decline
>due to lack of morals, I don't buy it any more. Now, let's move this
>BS crap to .policy where it belongs...I'm going back to my family and
>radio and stop wasting my time on this thread of garbage. 73, Tom WB4IUX

Actually, the decline is society and 'morals' is caused primarily by people like YOU who will not take the time to involve themselves in the issues that need to be resolved. It is precisely this 'go away and leave me alone' 'I don't want to be involved' attitude that allows society to decline. If you will not fight for what you believe is right, you have only yourself to blame for the consequences.

So go run away to your family. Build big thick stone walls around your life, and pretend that it doesn't matter to you what happens to other people. They're not part of your life, after all, now that you've removed yourself from the human race.

- Brian

End of Info-Hams Digest V93 #1244
